

ABSTRACT

(Object) A transdermal preparation is provided, which ensures stable and effective absorption of 4-(2-methyl-1-imidazolyl)-2,2-diphenylbutylamide (KRP-197) which has a low skin absorption and is a bladder-selective muscarinic M₃ and M₁ receptor antagonist, into body through the skin while causing little side effects and providing sustained pharmacological effect with less skin irritancy.

(Solving means) A composition comprising KRP-197 and an external preparation base is deposited and dried onto a structural body or a small pool of the composition is deposited on the structural body to obtain a single adhesive layer-type transdermal preparation or a reservoir-type transdermal preparation. These preparations can ensure high permeation of KRP-197 through the skin and sustained absorption of KRP-197 into body while causing decreased skin irritancy.